

Determination of a Completely Additive Function
by Its Values on Halfspaces, by P. O. Kostelyanets
and U. G. Reshetnyak, 9 pp.

RUSSIAN, per. Uspekhi Mat Nauk, Vol IX, No 3, 1954,
p 61.

M. S. G. Reshetnyak
SIA R-2011

Sci.

Aug 58

70,495

Kostenets, V. I. and Ivanchenko, A. M.
MECHANICAL PROPERTIES OF METALS AND
MELTS WITH STATIC LOAD AT LOW TEMPER-
ATURES (-196° and -253° C). IV. SOLDER. [1963][8]p.
Order from OTS or SLA \$1.10 63-14490

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR)
1946, v. 16, no. 5, p. 551-554.

DESCRIPTORS: *Metals, *Soldering alloys, *Silver
solders, *Lead alloys, Statics, *Low temperature
research, *Mechanical properties, Measurement.

This communication contains the results of measure-
ments at +17, -196° and -253° C of the temporary
tensile strength σ_t , residual expansion δ , and
lateral contraction ν of nine types of soft solders
with a lead content of 10% to 75% and a tin content of
90% to 25%, and of two types of hard silver solders.
(Author)
(Metallurgy, TT, v. 10, no. 2)

63-14490

I. Kostenets, V. I.
II. Ivanchenko, A. M.
III. Title: Solder

63-14490

Office of Technical Services

Kostomarov, V. I., Lazarev, B. F. and others
RESILIENCE OF METALS AT -253° C. [1963]
[12] p. (refs. omitted).

Order from OTS or SLA \$1.60

63-14488

Trans. of Zhurnal Tekhnicheskoi Fiziki (USSR)
1948, v. 18, no. 9, p. 1149-1153.

DESCRIPTORS: *Metals, *Elasticity, Mechanical
properties, *Low temperature research, Copper,
Brass.

A rapid measuring method of the resilience of samples
at temperatures of liquid nitrogen and liquid hydrogen
(-196° and -253° C) is presented. Resilience measure-
ments were made at -196° and -253° C on three types
of metals: Copper M-3, brass LS-62 and brass LS-19.
(Author)

(Metallurgy. TT, v. 10, no. 2)

63-14488

I. Kostomarov, V. I.
B. Lazarev, B. F.

1259693

Office of Technical Services

KOSTENETS, V. I.

Mechanical Properties of Nonferrous Alloys Under Static
Load at Low Temperatures.

ZHURNAL TEKHNIЧЕСКОИ ФИЗИКИ, vol 16, 1946, No 5,
pp 527-38; 3350 words.

Brutcher No 2661, \$ 8.30

A 5931

Mechanical Properties of Non-Ferrous Alloys
under Static Load at Low Temperatures, by V. I.
Kostenets, 8 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol XVI, No 5, 1946,
pp 527-538. (loan copy only)

Sci

Aug 58

SLA R-1847

70,875

(FDD 21902)

Formation of Temporary Associations to General
Environmental Stimuli as a Factor Regulating the
Overall Functional State of the Cerebral Cortex,
by N. A. Kostenetskaya, 19 pp.

RUSSIAN, bimo per, Zhur Vysshey Nervnoy Deyatel'
nosti, Vol III, No 5, Moscow, Sep/Oct 1953, pp 755-
764.

CIA/FDD/U-6414

USSR

Sci - Medicine, brain physiology

18,201

Planning and Designing the Soviet Metallurgical
Plant, by E. ~~Shumakov~~, 2 pp.
RUSSIAN, in, ~~Investiya~~, 10 Nov 1964, p 3.
JPRS 28369

28369
Comm
Feb 65

p3

273,957

(NY-6522/3)

Mechanization of Transport Operations in
Steel Casting Shops, by K. P. Kostenchik,
11 pp.

RUSSIAN, par. Mekh i Avtomat Proiz, No 9, 1969,
pp 8-12.

JPRS 10288

Sci - Eng

Oct 62

The Metallurgical Works of the Future, by
K. Kostenetskiy, 18 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, No 18, 1961,
pp 21-22.

NIL Br Bulletin
Vol 4, No 6, 1962

USSR
Econ
Aug 62

The Metallurgical Works of the Future, by
K. Kostenetskiy, 18 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, No 18, 1961,
pp 21-22.

NLL Tr Bulletin
Vol 4, No 6, 1962

SSSR
Econ
Aug 62

2
707, 345

(DC-5082)

An Automated Metallurgical Plant -- The Real Task
of Our Times, by K. P. Kostenetukiy, 7 pp.

RUSSIAN, per, Metallurg, No 11, 1960, pp 3-5.

JPRS 6688

Sci - Min/Metals

Feb 61

140,083

Calculation of Oxygen Converter Belt
Coolants, by O. N. Kostenetskiy. 64
USSR, per, Izv. VUZ-Chern. Eng.
Vol 7, No 2, 1964, pp 64-72.
RUST 6186

O. N. Kostenetskiy

USSR
Sci/Eng
Jul 63

282,441

Restoration and Development of Leather-Footwear In-
dustry, by D. S. Kostinski, 17 pp. UNCLASSIFIED

Full translation.

RUSSIAN, per, Leg Prom, No 1, 1967.

QNT-390

USSR
Econ - Industry, leather

AUG 52 CTS

MR

A 54 33

Use of Wastes of Antibiotics' Production for Chicken
Fattening, by A. A. Kostenko, A. I. Borisova

RUSSIAN, per, Ptitsevodstvo, No 12, 1954, pp 18-20.
CIA D ~~REF~~ 432353

USDA

Scientific - Biology

32,290

Mar 56

About the Conclusions of the Doctor of Biological Sciences, G. M. Bosh'ian, Employed Against Infectious Anemia of Horses, by A. I. Kostenko, 4 pp.

Full translation.

RUSSIAN, per, Veterinariya, Vol XXVIII, No 5, Moscow, May 1951, pp 26, 27.

USDA Tr

USSR

Scientific - Medicine

CTS/DEX

3782

Effect of Heat Treatment and Nitriding on the Magnetic Properties of Austenitic Steels, by M. M. Belenkova, A. V. Kostin, 4 pp.

RUSSIAN, per, Metallov i Term Obrabotka Metallov, Nos 10-12, 1960, pp 16-20.

Acta Metallurgica

Sci

Oct 62

214,119

STRUCTURE OF NITRIDED 11% CR, 1.5 W, 0.5% V
STEEL AFTER HOLDING AT HIGH TEMPERATURES, BY
A. V. KOSTENKO, ET AL.

RUSSIAN, PER, METALLOV I TERM OBRAB METALLOV,
NO 7, 1960, PP 48-52.

HB ~~525~~ 5452

SCI - MIN/MET
AUG 62

207,013

A Study of Nitrided 15Kh 11 Mf and 15Kh 12VMF Steels
After Prolonged Holding at 570°C, by A. V.
Kostenko, et al.

RUSSIAN, per, Energomashinostroyeniye, No 6, 1960,
pp 33-36.

DSIR RTS 1788

SLA 61-19945

Sci

Aug 61

163,158

Features of the behaviour of nitrided steel 1Kh15N9T
Held for a long time at High Temperature, by A. V.
Kostenko, Ye. V. Lopukhina, T. M. Pogrebetskaya,
9 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 6, 1960
pp 868-877.

PP

156, 162

Sci

Jun 61

(NY-1374/34)

Influence of Illumination of Pre-
Flight Room with Red Light on a
Pilot's Visual Orientation, by M.
S. Kagan, A. K. Tret'yakov, D. I.
Kostenko, 7 pp.

RUSSIAN, no per, Voenno Med Zhur, No 9,
Moscow, Sept 1960, pp 68-72.

Sci

Mar 61

US JPRS 7875

142,383

(NY-3000)

New Technology Introduced in the Iron and Steel
Industry, by F. G. Kostenko, 5 pp.

RUSSIAN, par, Byul Tekh-Ekon Informatsii, No 5,
1961, pp 3-6.

JPRS 9997

USSR

Econ

Sep 61

166,423

Problems in Uzbekistan, by I. R. Kostenko.

RUSSIAN, per, Zashchita Rasteniy, Vol V, No 5,
1960, pp 3-7. 9072161

USDA

USSR

Econ

Oct 60

129,829

Kostenko, M. P. and Urusov, I. D.
ELECTRODYNAMIC MODELS OF HYDROELECTRIC
GENERATORS OF THE KUIBYSHEV HYDROELEC-
TRIC STATION (Elektrodinamicheskie Modeli Gidro-
generatorov Kuibyshevskoi GES) tr. by G. Belkov. 1961,
29p. 7 refs. NRCC Technical Trans. 950.
Order from NRCC \$1.50 NRCC C-3633

Trans. of Elektrichesvo (USSR) 1955, no. 8, p. 11-19.

DESCRIPTORS *Generators, Design, Electric power
production, *Hydroelectric power systems, Model tests.

(Engineering--Electrical, TT, v. 6, no. 5)

61-22399

- I. Kostenko, M. P.
- II. Urusov, I. D.
- III. NRCC TT-950
- IV. NRCC C-3633
- V. National Research Council
of Canada

Office of Technical Services

S-4262

(NY-1620)

Scientific Problems of Creating a Unified Power System
for the USSR, by M. P. Kostyko, 9 pp. UNCLASSIFIED.

RUSSIAN, no par, Vest Ak Nauk, No 10, Oct 1957, pp
23-31.

US JPRS/NY-L-276

Sci - Engineering

70, 168

Kostenko, M. P. and Glebov, I. A.
ELECTRODYNAMIC MODELLING AS A METHOD OF
INVESTIGATING POWER PROBLEMS (Elektrodinami-
cheskoe Modelirovanie kak Metod Nauchnogo Issledo-
vaniya Problem Energetiki) tr. by G. Belkov. 1961,
20p. 2 refs. NRCC Technical trans. 949.
Order from NRCC \$1.00

NRCC C-3650

Trans. of Akad[emiya] Nauk SSSR. Vestnik, 1958
[v. 28] no. 4, p. 13-24. 7099570

DESCRIPTORS: *Electric power production, Trans-
mission lines, USSR, Electric currents, Control sys-
tems, *Power supplies, Stability, Model tests, Syn-
chros, Computers.

(Engineering--Electrical, TT, v. 6, no. 9)

61-25159

- I. Kostenko, M. P.
- II. Glebov, I. A.
- III. NRCC TT-949
- IV. NRCC C-3650
- V. National Research Council
of Canada

Office of Technical Services

(NY-6428)

Scientific Problems of Heavy Electrical Machine
Construction, by M. P. Koganko, I. D. Urusov,
11 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXXI, No 2,
1961, pp 37-43.

JPRS 9886

15 763,937

Sci

See Q1

Investigation of the Problem of Automatic Control for
Electrical Power Systems Using Electro-Dynamic
Simulation Methods, by N. P. Kostenko, 22 pp.

RUSSIAN, bk, Mashino-Tekhnicheskoye Soveshchaniye po
Primeneniyu Vychislitel'noy Tekhniki pri Proyektirovani
i Eksploatacii Energeticheskikh Sistem, 18-21 May
1960, pp 249-275.

CIA/VID X-4822

Sci

Mar 62

187,547

Contemporary Methods of Examining Transients in
A. C. Machines, by E. Ya. Kazorskiy, M. P.
Kostenko.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk,
Energ i Avtomat, No 4, 1959, pp 11-22.

ILL N. 3232

Sci - Engr

Apr 62

189,815

(U-1013)
Scientific Times Abroad, by M. P. Kostenko, A. A.
Saulov, Ye. A. Belyayev, 8 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 6, 1961, pp 81-84.

JPRS 10391

Sci - Misc.

Oct 61

172,008

Kostenko, M. P., Kazovskii, E. Ya., and
Danilevich, Ya. B.
EXPERIMENTAL INVESTIGATION OF NEW METH-
ODS OF DETERMINING THE PARAMETERS OF
A.C. MACHINES. [1961] 7p. 3 refs. C.E.
Trans. 1874; [DSIR LLU] M. 3297.
Order from OTS or SLA \$1.10

61-27608

Trans. of *Elektrichestvo* (USSR) 1960, no. 6,
p. 14-16.
Also included in trans. available from PP \$14.00.

DESCRIPTORS: *Electric machinery, Frequency,
Test methods, Transients, Alternating current.

The new methods for the experimental investigation of
machine parameters were quite simple and gave satis-
factory results, especially in the calculation of tran-
sient processes of machines with massive elements, in
which an essential factor is the current displacement.
(Author)

61-27608

- I. Kostenko, M. P.
- II. Kazovskii, E. Ya.
- III. Danilevich, Ya. B.
- IV. CE Trans. 1874
- V. DSIR LLU M. 3297
- VI. Central Electricity
Generating Board
(Gt. Brit.)

NLL M. 3297

(Engineering--Electrical,
TT, v. 6, no. 9)
Office of Technical Services

Scientific and Technical Problems in the
Field of Electrical Power Engineering,
by M. P. Kostenko.
RUSSIAN, per, Vestnik Akademii Nauk SSSR,
No 11, 1964, pp 78-87.
NII Shelf Mark A.6026

92
95

Sci-Engr
June 66

301,431

Kostenko, M. S.

EFFECTS OF SPECIFIC HEMOLYSINS ON PHAGOCYTOSIS IN PERITONEAL EXUDATE IN RADIATION SICKNESS. [1963] [7p. 12refs. FASEB Manuscript no. S378-2.

Order from OTS or SLA \$1.10 63-23896

Trans. of Meditsinskaya Radiologiya (USSR) 1962, v. 7, no. 7, p. 90-92.

DESCRIPTORS: *Hemolysins, *Phagocytosis, *Radiation sickness, Secretion, *Peritoneum.

Results are given on the phagocytic activity of leukocytes in peritoneal exudate in radiation sickness (in vivo experiments). Allowance was made in these experiments for the effect of hemolysins produced by injection of foreign erythrocytes. (Author)

(Biological Sciences--Radiobiology, TT, v. 10, no. 12)

63-23896

- I. Kostenko, M. S.
- II. FASEB S-378-2
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

63-23896

Office of Technical Services

Kostenko, M. V.
WAVE DEFORMATION DUE TO EARTH AND CON-
DUCTOR RESISTANCE IN A MULTI-CONDUCTOR
LINE. [1963] [13p] 10 refs C. E. Trans. 2578.
Order from OTS or SLA \$1.60 63-23956

Trans. of Elektrichestvo (USSR) 1961, no. 6, p. 5-10.

DESCRIPTORS: *Transmission lines, Electromagnetic
waves, Multipath transmission, Distortion, Earth,
Conductors, Resistance (Electrical), Mathematical
analysis.

Relatively simple formulae are derived for the ap-
proximate calculation of the wave deformation in a line.
The error of these formulae does not exceed 15% for
lines (wave paths) up to 10 km long. To obtain more
accurate solutions, the approximate formulae for a de-
formed front derived in the article are used. The cor-
rection for the deformed front is then calculated from
(Engineering--Electrical, TT, v. 10, no. 12) (over)

63-23956

I. Kostenko, M. V.
II. CE Trans-2578
III. Central Electricity
Generating Board
(Gt. Brit.)

63-23956

Office of Technical Services

Wave Deformation Due to Earth and Conductor
Resistance in a Multi-Conductor Line,
by M. V. Kostenko.

RUSSIAN, per, Elektrichestvo, No 6, 1961, pp 5-10.

NLL Ref. 9022.09 1963 (2,578)
(Loan)

Sci - Electron
Nov 63

242,305

Thunder Storm Protection Analizer for a High Voltage
Sub-Station, by M. V. Kostenko, I. F. Polovoy, O. V.
Shchertachew, 6 pp.

RUSSIAN, monograph, Nauchno-tekhnicheskoye
Soveshchaniye po Prikladnoy i Novoy Vychislitel'noy
Tekhniki i Eksploataatsii Energeticheskikh Sistem.
Materialy k Soveshchaniyu, No 2, 1960.

CIA/FED X-4905

Sci

May 62

192,988

New Harmonic generator Using Switching Elements,
by G. N. Barstovskiy, O. A. Kostenko, 4 pp.

RUSSIAN, per, Radkotekh i Elektron, Vol V, No 10,
1960, pp 1743-1744.

PP

Sci

167,629

Aug 61

(x-3000).

(DC-2800/5).

Khmel'nitskaya Oblast ~~DZBAAP~~ Enrollment, by P.
Kostenko, 3 pp.

RUSSIAN, np, Sovet Patriot, 11 Mar 1979,

JPRS-002-D

USSR

MI1

Aug 79

94,630

Influence of an Electrical Field on Flames,
by A. Ye. Potapenko, P. P. Kostenko, 7 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol V,
No 10, 1962, pp 73-76. 9684849

FTD-TT-63-408

Sci-Engr
~~INTJCS~~
Aug 63

238,044

Abienol, Its Preparation and Properties, by G. v.
Pigulevskiy, V. G. Kostenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVIII, No 2,
1959, pp 305-308.

CB

Sci - Chem
Sep 60

127,724

The Uniformity of Abietinol Prepared by the
Method of Ruzicka and Meyer, by G. V. Pigulevskiy.
V. G. Kostenko, N. I. Markushkin, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,
1960, pp 3489-3491.

CB

171, 755

Sci

Oct 61

Preparation of Pure Linalyl Chloride, by G. V.
Pigulevskiy, V. G. Kostenko, L. F. Andreyeva, 3 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 10,
1959, pp 2367-2370.

CB

Sci

Sep 60

127,364

Reduction of Limonene Monoxide With Lithium
Aluminum Hydride, by G. V. Pigulevskiy, S. A.
Koshin, V. G. Kostenko, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 5, 1958, pp 1413-.

Consultants Bureau

Sci - Chem

Jul 59

94,737

An Intensive Programme of Investigations in
Electromechanics, by M. P. Kostenko, 13 pp. UNCL

RUSSIAN, per, Vest Ak Nauk SSSR, No 7, 1959,
pp 27-33.

LIU Tr Bul
Feb 1960

Sci - Electron
Mar 60

119,483

(NY-6503)

On Methods of Studying the Basic Qualitative
Indexes of the Activity of Sanitary Aviation
Stations of the Ukraine, by S. K. Kostenko,
M. I. Danigevich, 7 pp.

RUSSIAN, per, Vrachebnoye Delo, No 11, 1961,
pp 123-127.

JPRS 12824

Sci - Med
Mar 62

183,592

Diffusion of Silver at the Surface of
Germanium, by V. E. Kosenko, L. A. Khomenko,
4 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III,
No 10, 1961, pp 2967-2972.

AIP
Sov Phys - Solid State
Vol III, No 10

Sci

May 62

195,717

Necabietic and Abietic Acids, The Primary Resin
Acids From the Resin of the Siberian Fir (Abies
Sibirica Ldb), by G. V. Pigulevskiy, V. G. Kostenko,
6 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 2,
1960, pp 439-443.

CB

Sci

Apr 61

147,657

(FDD 20432)

Planning the Development of Economic Regions, by
V. Kostennikov, 28 pp.

Full translation.

RUSSIAN, bino per, Plan Khoz, No 4, Moscow, Aug
1953.

CIA 'FDD/U-5626

UNDER

Econ - Economic regions

10,544

Nitrogen in Industrial Iron, by W. Koster,
Arch. Eisenh., Vol 4, Feb 1930,
p. 145-150.
*1151 1961

W. KOSTER

EE-Germany
Sci/Eng
Feb 64

Internal Friction and Shear Modulus of Cold Worked
and Recrystallised Gold, by Koster. UNCLASSIFIED

GERMAN, per, Z Metallkunde, Apr 1956, pp 224-228.

Iron and Steel Inst
Co-op Tr ~~Sch.~~ Sv
Tr 950

Sci - Min/Met
Aug 58

68,863

Rubber Springs of Special Shape, by C. W.
Koster and S. de Meij,

DUTCH, Rubber Stitching Communication, 1954,
p 268.

ASLIB-GB57

Sci

Aug 58

72,491

The Structure and Magnetic Properties of *120*
Aluminium-Manganese Alloys Containing
More than 25 AT.% Manganese, by
E. Koster, E. Nachtel.
GERMAN, por, Zeit Metallkunde, Vol 51,
1960, pp 271-280.
NLL Ref: 9022.4 (68/128)

Sci-MHys
Mar 69

377,268

Contribution to the Regulation of Stock Consistency in
the Pulp and Paper Industry, by G. Koster, 7 pp.

GERMAN, per, Zellstoff und Papier, Vol VIII,
No 4, 1959, pp 127-132.

KA

SLA 60-18932

Sci

Jul 62

203,563

Vol 4, No 12

Synthesis of Arginine-Containing Dipeptides:
Isomeric Phenylalanyl-Arginine and Its Conversion
Into Phenylalanyl-Ornithine, by M. Bergmann, H.
Koster, 44 pp.

GERMAN, per, Z Physiol Chem, Vol CLXVII, 1927,
pp 91-114.

S.L.A. Tr 57/383

Sci - Chemistry
Jun 57

48, 797

Köster, Hans.
REDUCTION OF CARBON DIOXIDE TO HIGHER
HYDROCARBONS AT ATMOSPHERIC PRESSURE WITH
CATALYSTS OF THE FERRIC GROUP. [1963] 23p
(figs omitted) 8 refs
Order from SLA \$2.60

63-20634

Trans. of Brennstoff-Chemie (Germany) 1936, v. 17,
p. 221-228.

DESCRIPTORS: *Carbon dioxide, *Catalysts, *Iron
catalysts, Reduction (Chemistry), Hydrocarbons,
*Gasoline, Barometric pressure

(Chemistry--Organic, TT, v. 10, no. 12)

63-20634

1. Title: Fischer-Tropsch
synthesis
I. Köster, H.

6 11

Office of Technical Services

61-20456

Koster, Roland and Bruno, Gunter.

EXCHANGE OF HYDROCARBON RADICALS BETWEEN ORGANIC ALUMINUM AND BORON COMPOUNDS. Pt. 33 of Metalloorganic Compounds; Rept. 3 of Boron Compounds. [1961] 23p. 35 refs. Order from SLA \$2.60

61-20456

Trans. of [Justus] Liebigs Ann[alen der] Chem[ie] (West Germany) 1960, v. 629 [no. 1/3] p. 89-103.

DESCRIPTORS: Metalorganic compounds, *Aluminum compounds, *Boron compounds, *Alkyl radicals, *Hydrocarbons, Exchange reactions.

See also 61-20455

(Chemistry--Organic, TT, v. 7, no. 1)

- I. Koster, R.
- II. Bruno, G.
- III. Title: Metalloorganic...
- IV. Title: Boron...

184263

Office of Technical Services

Koster, Roland and Kroll, Wolf-Rainer.
POTASSIUM CHLORIDE COMPLEXES OF DIALKYL
ALUMINUM CHLORIDE AND THEIR CLEAVAGE.
Pt. 31 of Metalloorganic Compounds. [1961] 4p.

4 refs.

Order from SLA \$1.10

61-20454

Trans. of [Justus] Liebigs Ann[alen der] Chem[ie]
(West Germany) 1960, v. 629 [no. 1/3] p. 50-52.

DESCRIPTORS: Metalorganic compounds, Complex
compounds, *Aluminum compounds, *Potassium
compounds, *Chlorides, *Alkyl radicals, Chemical
reactions.

See also 61-20453

(Chemistry--Organic, TT, v. 7, no. 1)

61-20454

I. Koster, R.
II. Kroll, W.-R.
III. Title: Metalloorganic...

184261

Office of Technical Services

Koster, R. and Ziegler, K[arl].
A SIMPLE SYNTHESIS OF N-TRIALKYL
BORAZANES: NEW METHODS OF PREPARATION OF
METAL BOROHYDRIDES: THE PREPARATION OF
DIBORANE. [1961] 6p. 6 refs.
Order from ES \$3.00

Trans. of Angew[andte] Chem[ie] (West Germany) 1957,
v. 69, p. 94-95.

DESCRIPTORS: Boron compounds, *Diboranes,
*Hydrides, Organoboranes, Synthesis, Metals,
*Borohydrides, *Alkyl radicals.

(Chemistry--Organic, TT, v. 6, no. 8)

61-25131

- I. Koster, R.
- II. Ziegler, K.
- III. Stux, Erica, Akron,
Ohio

Office of Technical Services

Organometallic Compounds XXIV (1) Organometallic
Fluorides, by K. Ziegler, R. Koster, 8 pp.

(Vol. DE VIII)
GEBIET, par, Ann Chem, Liebigs, 1951, pp 1-7.

CIA/FDD XX-542

NOT RECORDED TO FOREIGN NATIONALS

Sci - Chem
Nov 56

USE INTERNAL USE ONLY

Synthesis of Alkanediols From Noncyclics
Through Boron Heterocycles, by H. Koster,
G. Rotermann, 3 pp.

GERMAN, per, Angewandte Chemie, Vol. LXXII,
No 4, 1960, pp 138-139.

SLA 60-16904

Sci
26 May 62
Vol. IV, No 8

198, 241

~~Koster, Roland.~~

BORON COMPOUNDS. I. PREPARATION OF TRIALKYL-
BORINES (BOROTRIALKYLS) AND THEIR REACTIONS
WITH OLEFINS. [1963] 21p.

Order from K-H \$21.00

K-H 9539

Trans. of [Justus] Liebigs Annalen der Chemie (West
Germany) 1958, v. 618 [no. 1/3] p. 31-43.
Another trans. is available from SLA ml \$2.70, ph\$4.80
as 60-14310 [1960] 21p.

DESCRIPTOR: *Boron compounds, Alkyl radicals,
Chemical reactions, *Ethylenes, Synthesis (Chemistry).

For abstract see Technical Translations 3: 705, 1960.

(Chemistry--Organic, TT, v. 10 no. 1)

68-17278

- I. Koster, R.
- II. K-H-9539
- III. Title: Preparation ...
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

Office of Technical Services

The Possibility of Damping Measurements to Study
Metals, by W. Koster.

GERMAN, per, Z. Metallkde., Vol 53, 1962,
pp 17-26.

*NTIS/USDC/NBS TT 71-55062

Available NBS Only

W. Koster

May 71

The Temperature Dependence of the Elastic
Modulus of Some Pure Metals, by W. Koster.
GERMAN, per, Z. Metallkde., Vol 39, 1948,
pp 1-9.

*NTIS/USDC/NBS TT 71-55058

Available NBS Only

W. Koster

May 71

Effect of Magnetism on Diffusion in Some Ni-Cu
Alloys, by W. Koster.

GERMAN, per, Z. Metallkde, Vol 42, 1951,
pp 387-391.

*NTIS/USDC/NBS TT 71-55059

Available NBS Only

W. Koster

May 71

Effect of Magnetism on Diffusion In Sintered
Ni-Zn Alloys, by W. Koster.
GERMAN, per, Z. Metallkde, Vol 43, 1952,
pp 37-39.

*NTIS/USDC/NBS TT 71-55060

Available NBS Only

W. Koster

May 71

The Damping Characteristics of Hydrogen-Laden
Ti., by W. Koster.

GERMAN, per, Z. Metallkde., Vol 47, 1956,
pp 564-569.

*NTIS/USDC/NBS TT 71-55061

Available NBS Only

W. Koster

May 71

About the System GeSb, GaAs, and AlAs, by W. Koster.
GERMAN, per, Z. Metallkunde, Vol 46, 1955, pp 291-293.
*AFIS/USDC/NBS TT 71-55069
Available NBS Only

W. Koster

May 71

English Title Unknown, by W. Koster and
H. Schmid.

GERMAN, per, Archiv fur Eisenhuttenwesen,
Vol 26, No 6, 1955, pp 345-353.

*NASA TT F-12,146

Feb 69

The System Iron-Cobalt-Titanium, by
Werner Koster.
GERMAN, per, Arch fur Eisenh. Vol 8,
No 10, Apr 1935.
NASA TT F-12,143

Werner Koster

Sci-Mat
July 69

388,579

The System of Iron-Cobalt-Alumina, by
W. Koster.

GERMAN, per, Archiv fur Eisenhütten-
wesen, Vol 7, No 4, Oct 1933,

pp 263-264.

*NASA TT F-12,144

Koster

Sci-Mat
Feb 69

Further investigations on the formation of
Granulosa follicles in the ovary of the Adult 48
Human, by W. Koster.

WOLFFSTADT, per, Versl Meded Konink Akad Wetensca
(Natuurk), 2nd Ser. No 7, 1873, pp 47-70.
1874 N 13 13-3-66

W. Koster

Sci/Phy
Rec 60

514,750

TT-61-14262

I. Koster, W.

Koster, W.
A CONTRIBUTION TO THE SCIENCE OF MICROPIA
AND MACROPIA: SUPPLEMENT TO MY ARTICLE
(Zur Kenntnis der Mikropia und Makropia: Nachtrag
zu meinem Aufsatz). [1961] [13p] (foreign text
included).

Order from SLA \$1.60

TT-61-14262

Trans. of [Albrecht von Graefe's] Arch[iv für]
Ophth[almologie] (Germany) [1898] v. 43, p. 90-96.

55213

(Biological Sciences--Physiology, TT, v. 12, no. 3)

Office of Technical Services

62-18404

Köster, W. and Rauscher, W.
RELATIONSHIPS BETWEEN THE MODULI OF ELAS-
TICITY OF BINARY ALLOYS AND THEIR STRUC-
TURE. 17 Mar 49. 12p. (figs refs. omitted)
Order from SLA 51.60 62-18404

I. Köster, W.
II. Rauscher, W.

Trans. of Z[ei]ts[chrift] f[ür] Metallkunde (West Ger-
many) 1948 [v. 39, no. 4] p. 111-120.

DESCRIPTORS: *Alloys, *Crystal structure, Eutectics,
Intermetallic compounds, *Elasticity, Lattices, Phase
studies, Chemical bonds.

A comprehensive review is given with respect to the
concentration dependence of the modulus of elasticity of
binary alloys. An investigation was made of continuous
mixed crystal series, limited mixed crystal series,
eutectic alloy series and alloys with intermetallic
phases. The most important structural systems were
(Metallurgy-Structural, TT, v. 9, no. 2) (over)

Office of Technical Services

Indication of the Quality Characteristics of Low
Carbon Steels by Damping Measurements, by W. Koster,
G. Kampschulte.

GERMAN, per, Archiv fuer Eisenhuettenwesen, Vol XXII,
Dec 1961, pp 809-822..

BISI 2685

Sci - Min/Metals

Jul 62

list 136

203,501

61
The Change in Elastic Modulus With Composition
in Some Binary Systems, by W. Roster.

GERMAN, per, Zeit. Metallkde., No 39, 1948,
pp 111-120.

*RDS IT 70-57530

Available RDS Only

W. Roster

Sci/Mat
Oct 70

Phase Equilibration in the Ternary Si System
Iron-Cobalt-Manganese, by W. Koster,
M. Speidel.

GERMAN, part, Archiv fuer Eisenhuettenwesen,
Vol XXIII, Dec 1962, pp 873-876.

BISI 3179

Sci - M/N
EnJan 64

246, 468

Determination of the Solubility of Carbon in Iron
Titanium Alloys by Means of Damping Measurements,
by W. Koster, J. Haber.

GERMAN, par, Archiv fuer Eisenhuettenwesen,
Vol. XXXIII, Jan 1962, pp 23-26.

BISI 2805

Sci - Chem

204, 772

Jul 62

list 139

Isomorphism of the Type AM_3V Compounds, by
W. Hoster and W. Ulrich, 7 pp.

GERMAN, per, Zeitschrift für Metallkunde, Vol. XLIX,
No 7, 1958, pp 365-367. 9201293

A.C.S.I.L. Tr No 1264

Sci - Chem
Feb 63

222,561

The Ternary System - Gallium-Arsenic-Zinc, by
W. Koster, and W. Ulrich, 8 pp.

GERMAN, per, Z für Metallkunde, Vol XLIX, No 7, 1958,
pp 361-364. 9068980

A.C.S.I.L. Tr No 1263

Sci -
Jan 63

219,391

Elastical Properties, by W. Koster, 10 pp.

GERMAN, rpt, Allgemeine Metallurgie, V.
Plastische Verformung Und Rekristallisation,
1948, pp 129-145. 9670566
41-47

FFD-MCL-710/1

164,356

Sci - Chem

Aug 61

Changes in the Properties of Iron-Nitrogen
Alloys Caused by Quenching and Heat Treat-
ments Below A_1 , by W. Koster.
GERMAN, per, Arch. Eisenh., Vol 3, 1930,
pp 553-558.
BISI 4660

W. Koster

Sci-M&M
Jul 66

303,879

Nitrogen in Industrial Iron, III - Precipitation of Nitrogen and Carbon From iron as an Example of the Breakdown of a Deeply Super-Saturated Solid Solution, by W. Koster.

GERMAN, per, Arch. Eisenh, Vol 4, Sept, 1930, pp 145-150.
ISI 4661

W. Koster

Sci-MEN
Jul 66

503,880